

TRACKABLE FILES AND SYSTEMS FOR USING THE SAME

ABSTRACT OF THE DISCLOSURE

A system for tracking files at a site having a plurality of locations includes a plurality of antenna arrays and a plurality of files. Each of the antenna arrays generates an energizing field and is disposed at or near one of the locations. Each of the files includes a body including a pair of covers and a transponder assembly. The transponder assembly may include a substrate, an antenna disposed on one of the sides of the substrate, a circuit coupled to the antenna and having an identifier code, and an adhesive layer disposed on the other the side of the substrate. The transponder assembly may be attached to one of the covers by the adhesive. The identifier code is unique for each of the files. In operation, each of the transponder assemblies is activated by the energizing field of one of the antenna arrays when moved within an operative distance thereof. An activated transponder assembly responsively transmits a signal indicative of the identifier code. A reader in communication with the antenna arrays receives the signal from the activated transponder assembly. An administrator may be provided in communication with the reader for receiving information from the reader indicative of the location of the file associated with the transponder assembly transmitting the signal. Accordingly, each of the files of the system may be tracked as the files are moved throughout a site.